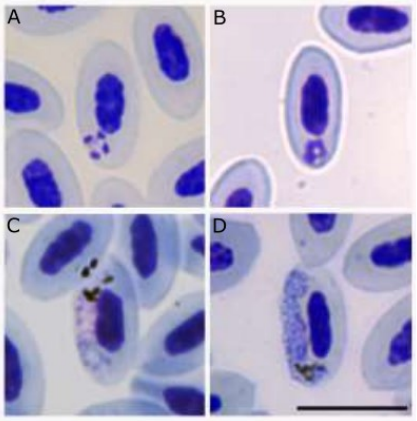
Plasmodium (Novyella) vaughani

Novy and MacNeal, 1904

Taxonomic hierarchy	
Domain	Eukarya
Kingdom	Chromista
Phylum	Apicomplexa
Class	Aconoidasida
Order	Haemosporida
Family	Plasmodiidae
Genus	*Plasmodium*
Species	*Plasmodium vaughani*



Typical stages of *P. vaughani* A) Meront B) Trophozoite C) Microgametocytes D) Macrogametocyte; Bar = 10 µm.

Associated hosts

	Type host	Additional hosts	
Phylum	Chordata	Chordata	Numerous other species of Passeriformes (over 240 species). It has also been found in Anseriformes, Apodiformes, Charadriiformes, Columbiformes, Coraciiformes, Cuculiformes and Piciformes.
Class	Aves	Aves	
Order	Passeriformes	Passeriformes	
Family	Turdidae	Turdidae	
Species	*Turdus migratorius*	*Saltator maximus* *Turdus nudigenis*	

Material deposited in GERPH collection

Collection Number	GERPH:V188 GERPH:V190	MalAvi, Linaje	Not available	GenBank	Not available
Department	Meta	County	Villavicencio	Altitude	640 m. a. s. l.
Geographic distribution	Worldwide distributed, except the Antarctic.			Specimen material	Blood smear
Main Characters	The number of merozoites in mature erythrocytic meronts is frequently four to six, but varies between four and eight, trophozoites usually present two granules of hemozoin of different size. Gametocytes are elongated.				
Pathology	Unknown		Vectors	Species belonging to the genera: *Culiseta*, *Mansonia* and *Culex*.	

Bibliography
Valkiūnas G (2005) Avian malaria parasites and other haemosporidia. CRC, Boca Raton

Contact
Nubia Matta Chief curator nemattac@unal.edu.co
Angie D. Gonzalez assistant curator adgonzalezg@unal.edu.co content reviewer
GERPH information icsti_nal@unal.edu.co
Compilers
Jorge Apache, Carolina Vargas-León, Paola Gonzalez, Angie Gonzalez

This document was supported by the project “Explorando la simbiosis hemoparásito-vertebrados silvestre a través de ejemplares de colección biológica, uso eficiente de biodiversidad colombiana" Hermes 50839, of Universidad Nacional de Colombia
First versión supported by
Departamento Administrativo de Ciencias, Tecnología e Innovación COLCIENCIAS (contract No. 556–2014 and 359-2011, project numbers 110152128340 and 110165944139), Vicerectoria de Investigación - Universidad Nacional de Colombia.